

CLAIMS

We claim:

1. A single-piece vent baffle attachable to an underside of a roof and to a wall plate of a building structure, the vent baffle comprising a single-piece, unitary body, having:

5 a first face and a second face;
a first end and a second end;
a main body portion proximate the first end having at least one spacer extending in a first direction from the first face; and

10 a tail portion connected to the main body portion and proximate the second end, having a flange disposed at the second end, the flange being connected to a remainder of the tail portion by a preformed bend,

wherein:

15 the main body portion is adapted to be fixedly attached to the underside of the roof, such that the spacer is positioned adjacent the underside of the roof, creating at least one air flow channel between the first face and the underside of the roof, and

the flange is adapted to be fixedly attached to the wall plate.

2. The vent baffle of claim 1 wherein the preformed bend forms an angle of about 70 to 110 degrees between the flange and the remainder of the tail portion.

3. A single-piece vent baffle attachable to an underside of a roof and to a wall plate of a building structure, the vent baffle comprising a single-piece, unitary body, having:

25 a first face and a second face;

a first end and a second end;

a main body portion connected to the tail portion and having at least one end spacer proximate the first end; and

25 a tail portion proximate the second end;

wherein:

the main body portion is adapted to be fixedly attached to the underside of the roof, such that the end spacer is positioned adjacent the underside of the roof, creating at least one air flow channel between the first face and the underside of the roof, and

30 a portion of the tail portion is adapted to be fixedly attached to the wall plate.

4. The vent baffle of claim 3 further comprising at least one intermediate spacer disposed between the end spacer and the tail portion, with both the end spacer and the intermediate spacer extending in a first direction from the first face.

5. A single-piece vent baffle attachable to an underside of a roof and to a wall plate of a building structure, the vent baffle comprising a single-piece, unitary body, having:

a first face and a second face;

a first end and a second end;

a main body portion proximate the first end having a first spacer extending in a first direction from the first face;

10 a tail portion connected to the main body portion and proximate the second end, having a flange disposed at the second end, the flange being connected to a remainder of the tail portion by a preformed bend; and

a single flexible hinge connecting the main body portion and the tail portion, wherein:

15 the main body portion is adapted to be fixedly attached to the underside of the roof, such that the spacer is positioned adjacent the underside of the roof, creating at least one air flow channel between the first face and the underside of the roof; and

a portion of the tail portion is adapted to be fixedly attached to the wall plate.

20 6. The vent baffle of claim 5 wherein the portion of the tail portion adapted to be fixedly attached to the wall plate is the flange.

7. The vent baffle of claim 5, the main body portion further comprising a second spacer extending in the first direction from the first face.

8. The vent baffle of claim 5 wherein the vent baffle is a flexible sheet.

25 9. The vent baffle of claim 8 wherein the sheet has a thickness of about 0.010 inch to about 0.040 inch.

10. The vent baffle of claim 5 wherein the vent baffle is fabricated from a synthetic polymeric material.

11. The vent baffle of claim 10 wherein the synthetic polymeric material is polyvinyl chloride.

30 12. The vent baffle of claim 5 further comprising a score line to facilitate cutting of the vent baffle.

13. The vent baffle of claim 5, the building structure having an opening between the underside of the roof and the wall plate, and the vent baffle having an installed condition wherein the first spacer fixedly attaches to the underside of the roof, the flange fixedly attaches to the wall plate and the tail portion substantially blocks the opening.

5 14. The vent baffle of claim 13 wherein the flange is attached to the wall plate along an interior side of the wall plate.

15. The vent baffle of claim 5, wherein the main body portion further comprises two opposing side edges and a stiffener disposed along at least one of the first end and the two side edges.

10 16. The vent baffle of claim 5 further comprising at least one stiffener formed unitarily with the first spacer.

17. A method of installing a vent baffle to an underside of a roof and to a wall plate of a building structure, the method comprising the steps of:

(a) providing a vent baffle including:

15 a single-piece, unitary body, having:
a first face and a second face,
a first end and a second end,
a main body portion proximate the first end having at least one spacer extending from the first face;

20 a tail portion connected to the main body portion and proximate the second end, having a flange disposed at the second end, the flange being connected to a remainder of the tail portion by a preformed bend; and

a single flexible hinge connecting the main body portion and the tail portion;

25 (b) positioning the vent baffle such that:

the spacer is adjacent the underside of the roof, between adjacent roof rafters, creating at least one air flow channel between the underside of the roof and the first face;

a portion of the tail portion is adjacent the wall plate; and

30 the tail portion is angled relative to the main body portion at the hinge such that the vent baffle substantially blocks an opening located between the wall plate and the roof; and

(c) securing the tail portion to the wall plate and the main body portion to the underside of the roof.